

Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims

~~Claim 1.~~ (Currently amended)[[:]] ~~Mandrel-locking~~ A mandrel-locking unit ~~(1)~~ for a rotary printing machine ~~with~~ comprising

a mandrel-mounting element ~~(9)~~ that forms a hollow body and accommodates in an enclosed form in ~~its~~ an interior thereof a bearing ~~(11)~~ for mounting a print roller mandrel ~~(13)~~ having a mandrel-supporting surface ~~(12)~~ and that ~~can be slid~~ is slideable between a mounting position in which the print roller mandrel ~~(13)~~ is in mesh with the bearing ~~(11)~~ and a release position in which the print roller mandrel ~~(13)~~ is out of mesh with the bearing ~~(11)~~,

a pressurizing medium cylinder ~~(2)~~ ~~comprising~~ including a pressure chamber ~~(3)~~ ~~and~~ with a piston ~~(4)~~ located ~~inside it~~ therein for sliding the mandrel-mounting element ~~(9)~~ between the mounting position and the release position, ~~where~~ the piston ~~(4)~~ ~~delimits~~ delimiting the pressure chamber ~~(3)~~ at a boundary surface and ~~is being~~ is connected to the mandrel-mounting element ~~(9)~~ at a connecting point for ~~the~~ a transfer of ~~the~~ force required for sliding the mandrel-mounting element,

~~characterized in~~

~~that the~~ a distance between the boundary surface and the connecting point ~~is being~~ smaller than ~~the~~ a maximum stroke of the piston (4) in the pressurizing medium cylinder (2),

~~that the~~ an inner diameter of the pressurizing medium cylinder (2) ~~is being~~ larger than ~~the~~ an outer diameter of the mandrel-mounting element, (9) and

~~that~~ the pressurizing medium cylinder ~~comprises~~ including a break-through (14) that is open in the release position of the mandrel-mounting element (9) ~~so~~ such that the print roller mandrel (13) and the mandrel-locking unit (1) ~~can be separated~~ are separable from one another by a movement in relation to one another.

Claim 2. (Currently amended)[[:]] ~~Mandrel-locking~~ The mandrel-locking unit (1) pursuant to claim 1, ~~characterized in wherein~~ the distance between the boundary surface and the connecting point is smaller than three quarters of the maximum stroke of the piston (4) in the pressurizing medium cylinder (2).

Claim 3. (Currently amended)[[:]] ~~Mandrel-locking (1)~~ The mandrel-locking unit pursuant to claim 1, ~~characterized in~~ wherein the distance between the boundary surface and the

connecting point is smaller than half of the maximum stroke of the piston (4) in the pressurizing medium cylinder (2).

Claim 4. (Currently amended)[[:]] ~~Mandrel-locking~~ The mandrel-locking unit (1) pursuant to claim 1, ~~characterized in wherein~~ parts of the mandrel-mounting element (9) ~~can be displaced~~ are displaceable in the pressurizing medium cylinder (2).

Claim 5. (Currently amended)[[:]] ~~Mandrel-locking~~ The mandrel-locking unit (1) pursuant to claim 1, ~~characterized in wherein~~ the piston (4) is a disk without a piston rod.

Claim 6. (Currently amended)[[:]] ~~Mandrel-locking~~ The mandrel-locking unit (1) pursuant to claim 1, ~~characterized in wherein~~ the connecting point between the piston (4) and the mandrel-mounting element (9) has a ~~screwed~~ threaded connection.

Claim 7. (Currently amended)[[:]] ~~Mandrel-locking~~ The mandrel-locking unit (1) pursuant to claim 1, ~~characterized in wherein~~ the mandrel-mounting element (9) and the pressurizing medium cylinder (2) are shaped as circular cylinders and ~~that their~~ have axes of symmetry that extend parallel to ~~the~~ a distance between one another.

8. (New) A mandrel-locking unit for a rotary printing machine, comprising:

a mandrel-mounting element configured to accommodate in an interior thereof a bearing for mounting a print roller mandrel having a mandrel-supporting surface, the mandrel-mounting element being slideable between a mounting position in which the print roller mandrel is in contact with the bearing and a release position in which the print roller mandrel is out of contact with the bearing; and

a pressurizing medium cylinder including a pressure chamber with a piston located therein for sliding the mandrel-mounting element between the mounting position and the release position, and a break-through that is open in the release position of the mandrel-mounting element such that the print roller mandrel and the mandrel-locking unit are separable from one another by a movement in relation to one another, an inner diameter of the pressurizing medium cylinder being larger than an outer diameter of the mandrel-mounting element,

the piston (i) having a boundary surface that delimits an end of the pressure chamber and (ii) being connected to the mandrel-mounting element at a connecting point for a transfer of force required to slide the mandrel-mounting element, and a distance between the boundary surface and the connecting point

being less than a distance of a maximum piston stroke in the pressurizing medium cylinder.

9. (New) The mandrel-locking unit according to claim 8, wherein the distance between the boundary surface and the connecting point is less than three-quarters of the maximum piston stroke distance.

10. (New) The mandrel-locking unit according to claim 8, wherein the distance between the boundary surface and the connecting point is less than half of the maximum piston stroke distance.